


Product datasheet

Anti-DAP Kinase 2 antibody ab1382

1 Image

Overview

Product name	Anti-DAP Kinase 2 antibody
Description	Goat polyclonal to DAP Kinase 2
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse Predicted to work with: Human 
Immunogen	Synthetic peptide: KALHPRRRSSTS, corresponding to C terminal amino acids 359-370 of Human DAP Kinase 2. Run BLAST with ExPASy Run BLAST with NCBI
General notes	GenBank Accession Number – NP_055141 LocusLink ID - 23604

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: 0.02% Sodium Azide Constituents: 0.5% BSA, 0.5mg/ml Tris, pH 7.3
Purity	IgG fraction
Purification notes	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab1382** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

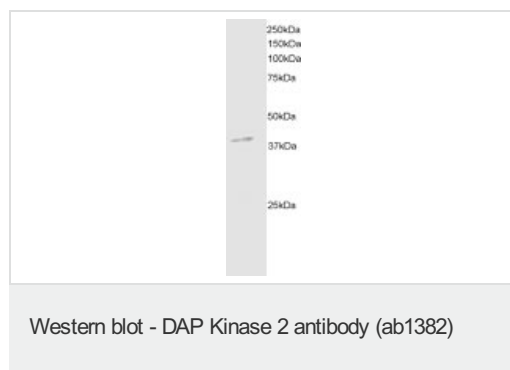
Application	Abreviews	Notes
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Application	Abreviews	Notes
WB		Use a concentration of 1 - 3 mg/ml. Can be blocked with Human DAP Kinase 2 peptide (ab22865) or DAP Kinase 2 peptide (ab8436) . Approx 40-45kDa bands seen in Mouse Brain extracts.

Target

Function	Calcium/calmodulin-dependent serine/threonine kinase which acts as a positive regulator of apoptosis.
Tissue specificity	Ubiquitously expressed in all tissue types examined. High levels in heart, lung and skeletal muscle.
Sequence similarities	Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. DAP kinase subfamily. Contains 1 protein kinase domain.
Cellular localization	Cytoplasm.

Images



DAPK2 staining (2µg/ml) of Mouse Brain extracts (RIPA buffer, 35µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence

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